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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/675,325	09/29/2003	Satoru Yukie	982020-2004.1	5292

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EXAMINER

RAMAKRISHNAIAH, MELUR

ART UNIT	PAPER NUMBER
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2643

DATE MAILED: 01/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/675,325	Applicant(s) YUKIE ET AL.	
	Examiner Melur Ramakrishnaiah	Art Unit 2643	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 October 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-61 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-61 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>2-23-04</u> . | 6) <input type="checkbox"/> Other: _____ |

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-4, 8, 10, 12, 13, 26-29, 33, 36, 38-41, 45, 48, 50-51, are rejected under 35 U.S.C. 103(a) as being unpatentable over Elzur (US PAT: 6,621,893, filed 1-10-2001, hereinafter Elzur) in view of Wise et al. (US PAT: 5,884,262, hereinafter Wise)

Regarding claim 1, Elzur discloses a telephony system, including a telephony terminal (reads on reads on computer telephony integration adapter shown in figs. 1-2) comprising: a phone connection for connecting to a telephone (160, fig. 1), a network connection (110, fig. 1) for connecting to a network, and a controller (120, fig. 1) connected to the telephone connection and to the network connection, wherein the controller provides a phone service for processing information for the phone connection, wherein the controller provides network voice service for processing information for the network connection, wherein the controller provides network voice service for converting information to and from network voice format, wherein the telephone is coupled to the telephony terminal (reads on computer telephony integration adapter shown in figs. 1-2 in as much as the telephones can be connected to it as shown in figs 1-2; col. 1, line 55 – col. 5, line 38).

Regarding claim 26, Elzur discloses a method of sending data to a network, comprising: coupling a telephone to a telephone terminal using a phone connection at

Art Unit: 2643

the telephony terminal (reads on computer telephony integration adapter shown in figs. 1-2 in as much as the telephones can be connected to it as shown in figs 1-2), the telephone terminal including user interface, receiving information through a phone connection (150, fig. 1) at a terminal (fig. 1), wherein the terminal information indicates a service (for example voice service), preparing intermediate information based on the information according to the indicated service, preparing network data based on the intermediate information according to a network protocol for a network connected to the terminal, and sending the data to the network (col. 1, line 55 – col. 5, line 38).

Regarding claim 38, Elzur discloses a method of processing data from a network, comprising: receiving information through a network connected to a terminal (fig. 1), wherein the network connection is connected to a network and information indicates a service, preparing intermediate information based on the information according to the indicated service, preparing phone information based on the information according to a protocol for a telephone connected to the terminal, the telephone (160/210, figs. 1-2) including a user interface and coupling the telephone to the telephony terminal (reads on computer telephony integration adapter shown in figs. 1-2 in as much as the telephones can be connected to it as shown in figs 1-2) to receive the phone information (col. 1, line 55 – col. 5, line 38).

Regarding claim 50, Elzur discloses a system for sending data to a network, comprising: telephone (160/210, figs. 1-2) coupled to the telephony terminal (reads on computer telephony integration adapter shown in figs. 1-2 in as much as the telephones can be connected to it as shown in figs 1-2) using a phone connection, the telephone

Art Unit: 2643

including a user interface, means (126/130, fig. 1) for processing information through a phone connection at a terminal, wherein information indicates a service, means (170, fig. 1) for preparing intermediate information based on the information according to indicated service, means (120, fig. 1) for preparing network data based on the intermediate information according to a network protocol for network connected to the terminal, means (110, fig. 1) for sending data to the network (col. 1, line 55 – col. 5, line 38).

Regarding claim 51, Elzur discloses a system for processing data from a network, comprising: means (120/130, fig. 1) for processing information received through a network connection at a terminal, wherein the network connection is connected to a network and information indicates service, means (120, fig. 1) for preparing intermediate information based on the information according to the indicated service, means (130, fig. 1) for preparing the phone information based on the intermediate information based on the intermediate information according to a protocol for a telephone connected to the telephony terminal (reads on computer telephony integration adapter shown in figs. 1-2 in as much as the telephones can be connected to it as shown in figs 1-2), means (150, fig. 1) for sending the phone information to the telephone, the telephone including using the user interface (col. 1, line 55 – col. 5, line 38).

Elzur differs from claims 1, 26, 38, 50-51 in that although he discloses computer telephony integration adapter (shown in figs. 1-2) may be connected LAN or internet

Art Unit: 2643

(col. 2 lines 11-15); he does not explicitly teach the following: telephone provides internet services using the user interface.

However, Wise et al. discloses computer network audio access arrangement, which teaches the following: telephone provides Internet services using the user interface (figs. 1-2; col. 1, line 66 – col. 2, line 48; col. 3 lines 51-60; claim 1).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Elzur's system to provide for the following: telephone provides internet services using the user interface as this arrangement provides access to internet by using just a telephone as taught by Wise, thus making it economical for user to access the internet.

Regarding claims 2-4, 8, 10, 12, 13, 27-29, 33, 36, 39-41, 45, 48, Elzur further teaches the following: the phone connection is an RJ-11/USB connection (col. 1, line 64 – col. 2, line 2), the network connection is an RJ-45 connection (col. 2 lines 11-15), the network voice format supports voice data in an IP network (col. 2 lines 23-27), a peripheral connection connected to the controller (120, fig. 1) for connecting to a peripheral device, the peripheral connection is for connecting to a computer system (col. 2 lines 52-57), a control connection (140, fig. 1) connected to the controller for transferring control information to and from the telephone (160, fig. 1) connected to the phone connection, receiving control information through a control connection from the telephone, wherein preparing the intermediate information includes using the control information (col. 3 lines 20-25).

Art Unit: 2643

3. Claims 5, 16-19, 22-23, 30, 34, 42, 46, 53, 55, 57, 59, 61 are rejected under 35 U.S.C. 103(a) as being unpatentable over Elzur in view of Wise as applied to claims 1, 26, 28, 50-51 above, and further in view of Sherlock et al. (US PAT: 6,882,709, filed 4-14-2000, hereinafter Sherlock).

Regarding claims 5, 16-19, 22-23, 30, 34, 42, 46, 53, 55, 57, 59, 61 the combination does not teach the following: network connection is a broadband connection; the controller provides a message service for supporting transferring information for message applications between the phone connection and network connection, controller supports backing up data from the telephone, the message service supports an email application, the controller provides a G3 fax service for supporting transferring information for fax conversion between the phone connection and the network connection, the controller provides voice mail service for supporting transferring information for voice mail between the phone connection and the network connection, the controller supports PIM information management.

However, Sherlock discloses enhanced broadband telephony services which teaches the following: network based mail systems to provide a multitude of different telephony services via broadband network such as organization of incoming/outgoing voice mail, email, faxes, call log etc., (col. 1 lines 45-65).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: network connection is a broadband connection; the controller provides a message service for supporting transferring information for message applications between the phone

Art Unit: 2643

connection and network connection, controller supports backing up data from the telephone, the message service supports an email application, the controller provides a G3 fax service for supporting transferring information for fax conversion between the phone connection and the network connection, the controller provides voice mail service for supporting transferring information for voice mail between the phone connection and the network connection, the controller supports PIM information management as this arrangement would enable the users to have multitude of well known useful services as taught by Sherlock, thus enhancing user convenience.

4. Claims 6-7, 9, 24-25, 31-32, 37, 43-44, 49, are rejected under 35 U.S.C. 103(a) as being unpatentable over Elzur in view of Wise as applied to claims 1, 26, 38, 50-51 above, and further in view of Cheah et al. (US PAT: 6,901,271, filed 10-23-2000, hereinafter Cheah).

Regarding claims 6-7, 9, 24-25, 31-32, 37, 43-44, 49, the combination does not teach the following: network connection is a wireless connection, the network connection is a CDMA connection, a radio interface connected to the controller, and an antenna connected to the interface, controller supports wireless terminal provisioning, the network connection is also for connecting to a wireless terminal, sending network data to the network includes sending the network data to a wireless terminal providing connection to the network, receiving information through the network connection includes receiving the information from the wireless terminal, the network connection is connected to the network through the wireless terminal providing wireless connection to the network.

However, Cheah teaches the following: network connection is a wireless connection, the network connection is a CDMA connection, a radio interface (20, fig. 1) connected to the controller in (18, fig. 1), and an antenna (22, fig. 1) connected to the interface, controller supports wireless terminal provisioning, the network connection is also for connecting to a wireless terminal (16, fig. 1), sending network data to the network includes sending the network data to a wireless terminal providing connection to the network (30, fig. 1), receiving information through the network connection includes receiving the information from the wireless terminal, the network connection is connected to the network through the wireless terminal providing wireless connection to the network (fig. 1, col. 3, line 47 – col. 4, line 35).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination system to provide for the following: network connection is a wireless connection, the network connection is a CDMA connection, a radio interface connected to the controller, and an antenna connected to the interface, controller supports wireless terminal provisioning, the network connection is also for connecting to a wireless terminal, sending network data to the network includes sending the network data to a wireless terminal providing connection to the network, receiving information through the network connection includes receiving the information from the wireless terminal, the network connection is connected to the network through the wireless terminal providing wireless connection to the network as arrangement would facilitate user interaction with the networks by wireless

Art Unit: 2643

communications as taught by Cheah, thus facilitating user mobility while communicating, hence enhancing user convenience.

5. Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Elzur in view of Wise as applied to claim 10 above, and further in view of Laity et al. (US PAT: 6,697,892, filed 5-12-2000, hereinafter Laity).

Regarding claim 11, the combination does not teach the following: peripheral connection is a USB connection.

However, Laity discloses port expansion system which teaches the following: peripheral connection is a USB connection (22, fig. 1, col. 5 lines 16-18).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: peripheral connection is a USB connection as this arrangement would provide another well known means of connecting peripheral devices as shown by Laity.

6. Claims 14-15, 35, 47, 52, 54, 56, 58, 60 are rejected under 35 U.S.C. 103(a) as being unpatentable over Elzur in view of Wise as applied to claim 1, 26, 38, 50-51 above, and further in view of Tidewell et al. (US PAT: 6,535,590, filed 5-27-1999, hereinafter Tidewell).

Regarding claims 14-15, 35, 52, 54, 56, 58, 60, the combination does not teach the following: the controller provides browser service for supporting transferring information for browser applications between the phone connection and the network connection, browser service supports web browser application, service is a browser service.

However, Tidewell discloses telephony system which teaches the following: the controller provides browser service for supporting transferring information for browser applications between the phone connection and the network connection, browser service supports web browser application, service is a browser service (col. 3 lines 25-29, col. 9 lines 39-42).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: the controller provides browser service for supporting transferring information for browser applications between the phone connection and the network connection, browser service supports web browser application, service is a browser service as this arrangement would facilitate the user to access internet for browsing as taught by Tidewell, thus enabling the user to realize the vast potential of internet as source of information.

7. Claims 20-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Elzur in view of Wise as applied to claim 1 above, and further in view of Reed et al. (US PAT: 6,275,707, hereinafter Reed).

Regarding claims 20-21, the combination does not teach the following: GPS system connected to the controller, the controller supports precision differential GPS positioning using the GPS system.

However, Reed discloses method and apparatus for assigning location estimates from a first transceiver to a second transceiver which teaches the following: GPS system connected to the controller, the controller supports precision differential GPS

Art Unit: 2643

positioning using the GPS system (figs. 1-3, col. 1 lines 32-37, col. 2 lines 51-56, col. 3 lines 26-43).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: GPS system connected to the controller, the controller supports precision differential GPS positioning using the GPS system as this arrangement would facilitate to obtain location information to meet the user application needs as taught by Reed.

Response to Arguments

8. Applicant's arguments filed on 10-27-2005 have been fully considered but they are not persuasive.

Rejection of claims 1-4, 8, 10, 12, 13, 26-29, 33, 36, 38-41, 45, 48, 50-51, under 102(e) as being unpatentable over Elzur: regarding rejection of claim 1 using the Elzur reference, Applicant argues that "Elzur does not teach or suggest, however, a telephone system that includes a telephony terminal wherein telephone is coupled to the telephone terminal using a phone connection, the telephone provides internet services using the interface of the telephone". Regarding this, notwithstanding the applicant's interpretation of Elzur reference, Elzur computer telephony integration adapter shown in figs 1-2 reads on applicant's telephony terminal because it supports telephone (160/210, figs. 1-2) connection and also telephones have interfaces such for dialing and sending and receiving voice calls (see abstract). Further Elzur also discloses telephony integration adapter shown in figs 1-2 can also be connected to LAN or the Internet (col.

Art Unit: 2643

2 lines 11-18). As far as providing Internet services, amended claim 1 is rejected under 35 U.S.C 103(a) as set forth in the above office action.

Regarding rejection of amended claims 26, 38, 50-51, the explanation made for amended claim 1 holds good.

Rejection of claims 5, 16-19, 22-23, 30, 34, 42, 46 as being obvious over Elzur in view of Sherlock et al. (US PAT: 6,882,709, filed 4-14-2000, hereinafter Sherlock): regarding rejection of these claims using the above references, Applicant's arguments are linked to independent claims on which they depend, being allowable which are not as explained above regarding rejection of independent claims.

Rejection of claims 6-7, 9, 24-25, 31-32, 37, 43-44, 49, as being obvious over Elzur in view of Cheah: regarding rejection of these claims using the above references, Applicant's arguments are linked to independent claims on which they depend, being allowable which are not as explained above regarding rejection of independent claims.

Regarding rejection of claim 11 as being obvious over Elzur in view of Laity et al. (US PAT: 6,697,892, filed 5-12-2000, hereinafter Laity): regarding rejection of the claim using the above references, Applicant's arguments are linked to independent claims on which they depend, being allowable which are not as explained above regarding rejection of independent claims.

Rejection of claims 14-15, 35 and 47 as being obvious over Elzur in view of wise Tidewell: regarding rejection of these claims using the above references, Applicant's arguments are linked to independent claims on which they depend, being allowable which are not as explained above regarding rejection of independent claims.

Rejection of claims 20-21 as being obvious over Elzur in view of Reed: regarding rejection of these claims using the above references, Applicant's arguments are linked to independent claims on which they depend, being allowable which are not as explained above regarding rejection of independent claims.

9. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melur Ramakrishnaiah whose telephone number is (571)272-8098. The examiner can normally be reached on 9 Hr schedule.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curt Kuntz can be reached on (571) 272-7499. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2643

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Melur Ramakrishnaiah
Primary Examiner
Art Unit 2643